



Please type a pressign (+) - Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

1449/PTO

U.S. Department of Commerce Patent and Trademark Office

First Named Inventor: Y. Tsuchida Group Art Unit: 3682 Examiner Name: HANNON Attorney Docket No.: KAM 18.602

Application No.

Filing Date

: 09/838,015

: April 19, 2001

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No.1	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
MA		4,309,916		T. Ohkuma et al.	01/12/1982	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Document Office ³ Number ⁴ Kind Code ³ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
RIP		°11-247867	JP		09/14/1999	·
<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>						
	 		† · · · · · · · · · · · · · · · · · · ·	***************************************		\
						

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, country, where published, source.	Applicant check here if English language translation attachedT	

Examiner	an1/	Date	
Signature	Mann	Considered 6/11/07	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1⁶ if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Application No.

U.S. Department of Commerce Patent and Trademark Office

: April 19, 2001 Filing Date First Named Inventor: Y. TSUCHIDA, ET AL 3682 Group Art Unit

: 09/838,015

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Examiner Name HANNON Attorney Docket No. :KAM 18.602(100799-09949)

Sheet 1 of

	1 01			ENT DOCUMENTS	Data of	Dagge Columns
Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
1882		3 700 296		Bugmann, Ernst	10/24/1972	
-	-	4309.916		Ohkuma Takeo et al	-04/42/4982	
		3 113 814		Kanji Ogura	12/10/1963	
						
					# #	C)
						台马 角
		FOR	EIGN PA	ATENT DOCUMENTS	* .	百一 吊
Examine r Initials	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns Lines Where Relevant Fassages or Relevant Figures Appear
msh	•	• 11 69 214 B	DE	E. Dangel	, , ,	
M M	75	` 35 28 961 A	DE	Kugelfischer G. Schaffer & Co.	2/26/1987	
MJ-	,	• 84 30 773 U	DE	R. Bosch GMBH	11/14/1985	
M	į.	' 0 816 699 A	EP	Koyo Seiko Co. Toyo Seal IND CO LTD	01/07/1998	

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³ Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Date

Considered

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Examiner

Signature